

10-2015

Digital Repository @ Iowa State University, Fiscal Year 2015 Annual Report

Harrison W. Inefuku

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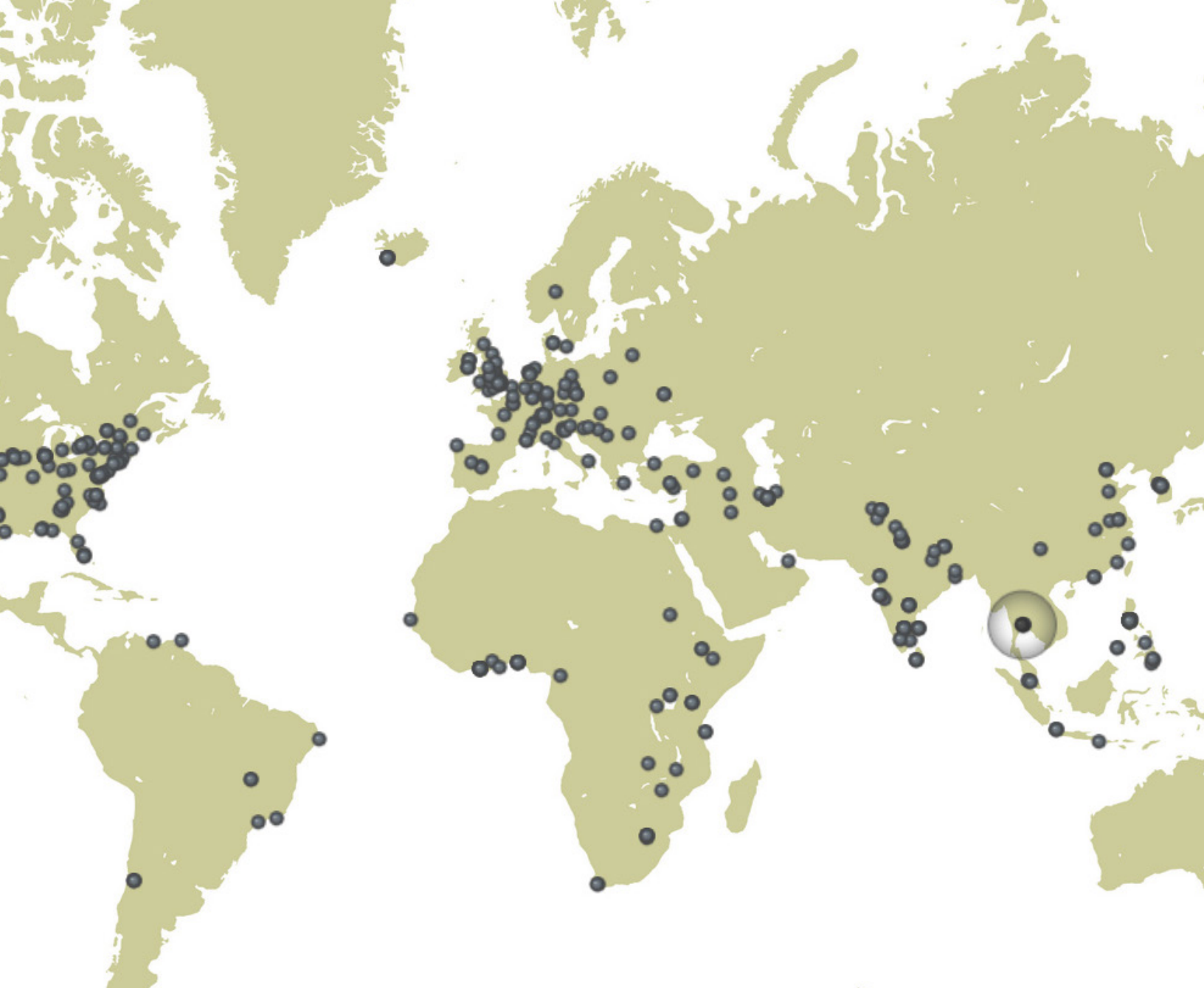


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Digital Repository

Iowa State University

Fiscal Year 2015 Annual Report

IOWA STATE UNIVERSITY
University Library

The repository in 2014–2015...



29,732
new items in the repository



2,159,224
downloads



224,000
storage size of repository (in MB)

The repository (all time*)



44,405 items



3,890,862 downloads

* as of June 30, 2015



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This report is available at
[**http://lib.dr.iastate.edu/libreports/14/**](http://lib.dr.iastate.edu/libreports/14/)

Overview: Fiscal year 2015

Covers the period from July 1, 2014–June 30, 2015

THE DIGITAL REPOSITORY @ IOWA STATE UNIVERSITY (<http://lib.dr.iastate.edu>) increases the visibility and impact of research and scholarship by Iowa State's faculty, students and staff. By providing free, public access to journal articles and manuscripts, conference proceedings, presentations and posters, graduate theses and dissertations, technical reports and white papers, patents, undergraduate research presentations and other forms of scholarship, we support Iowa State University's land-grant mission by sharing the knowledge generated on campus far beyond the borders of our campus.

In fiscal year 2015 (July 1, 2014–June 30, 2015), the repository doubled in size, adding almost 30,000 new items. Where the average number items added each month to universities with a RU/VH Carnegie Classification was 223, the Digital Repository @ Iowa State University added an average of 2,478 new items a month.¹ This report details the growth of the repository in fiscal year 2015, through an increasing number of faculty contributing their publications; supporting Iowa State's membership and participation in organizations and conferences; and showcasing the breadth and quality of student research.

We were able to accomplish this with the addition of two new staff members—Hope Mitchell, a recent graduate of Iowa State's MA in history program, and Susan Rappenwolf, who previously worked in the library's resource sharing unit. This number also reflects library's Metadata and Cataloging Department's completion of a project to upload all of Iowa State's doctoral dissertations to the repository. With a staff of five (and three student assistants), and support from across the University Library, the digital repository team can better support our faculty, students and staff in making their research and scholarship more visible.

As we enter our fourth year, the digital repository team looks forward to new opportunities to support our faculty, students and staff—we're already seeing increased submissions from faculty across campus, representing newly hired faculty and departments new to the repository. If you would like to learn more about how the repository can increase the visibility and impact of your research and the research being conducted in your department, center, institute, lab, grant-funded project, or courses, please do not hesitate to contact us.

—Harrison W. Inefuku
Digital Repository Coordinator
October 2015

¹ Ellen Dubinsky, "A current snapshot of institutional repositories: Growth rate, disciplinary content and faculty contributions," *Journal of Librarianship and Scholarly Communication* 2 (2014): eP1167, doi:10.7710/2162-3309.1167.

Highlights



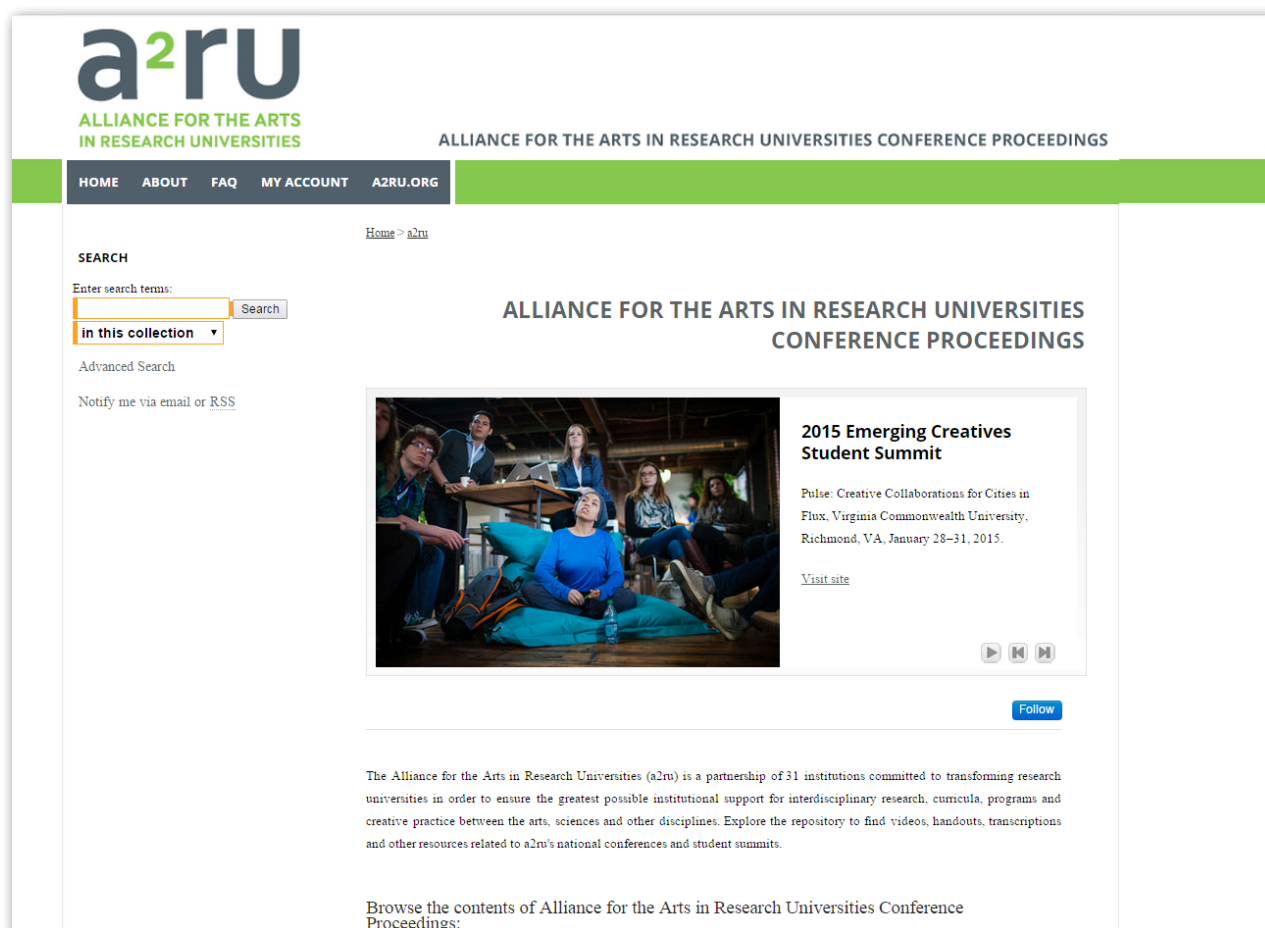
a2ru



Dissertations



**Undergraduate
research**



Alliance for the Arts in Research Universities

The Alliance for the Arts in Research Universities (a2ru) is a partnership of 31 institutions committed to transforming research universities in order to ensure the greatest possible institutional support for interdisciplinary research, curricula, programs and creative practice between the arts, sciences and other disciplines.












<http://lib.dr.iastate.edu/a2ru/>

Partner

Alliance for the Arts in Research Universities
<http://www.a2ru.org/>

To support Iowa State University's hosting of the 2014 conference and its membership in a2ru, the Iowa State University Library partnered with a2ru to create a repository site that would collect and provide access to all of a2ru's proceedings, including videos, handouts, transcriptions and other resources related to a2ru's national conferences and student summits.

a2ru is one of several organizations using the repository to publish their conference materials. Other conference proceeding available in the repository include the Review of Progress in Quantitative Nondestructive Evaluation, organized by the Center for the Nondestructive Evaluation, and the International Conference on the Epidemiology & Control of Biological, Chemical and Physical Hazard in Pigs and Pork (Safe Pork), an effort spearheaded by Annette O'Connor, professor of veterinary diagnostic and production animal medicine.

-  [PDF](#) [Polar effects in free radical reactions.](#) Roger Clinton Williamson
-  [PDF](#) [The effect of plant population and planting pattern of corn on radiation interception and water use.](#) Augustine Yi Ming Yao
-  [PDF](#) [Characterization of avian Mycoplasma.](#) Harry Whitaker Yoder
- Theses/Dissertations from 1962**
-  [PDF](#) [Chemical transformations in the field of indole alkaloids.](#) Robert Lin Sung Amai
-  [PDF](#) [Optimal farm plans and normative supply schedules for milk and competing products in notheastern Iowa.](#) Jay Clarence Andersen
-  [PDF](#) [Theoretical considerations in the analysis of migration.](#) Albert Frank Anderson
-  [PDF](#) [Quantitative chromatographic separation of total organic phosphorus from soil extracts.](#) Carl Andrew Anderson
-  [PDF](#) [The fermi surface of lead.](#) James Robert Anderson
-  [PDF](#) [Solutions of mixed type partial differential equations.](#) Ronald Myles Anderson
-  [PDF](#) [Metal-metal bonds and physical properties of some nickel \(II\)-vic-dioxime complexes.](#) Samuel Anderson
-  [PDF](#) [Traveling-wave parametric amplifier using thin film.](#) Nadeem Fawzi Audeh
-  [PDF](#) [Growth characteristics of mutant strains of Escherichia coli.](#) Isaac Francis Baarda
-  [PDF](#) [Selecting young dairy bulls on differences between relatives and their contemporaries.](#) George Robert Barr
-  [PDF](#) [Assimilation of CO2 by bacteria.](#) Daryl Stokesbury Bates
-  [PDF](#) [Improving meridic diets for laboratory rearing of the European corn borer.](#) Abner James Becton

Graduate Theses and Dissertations

<http://lib.dr.iastate.edu/etd/>

Iowa State University's graduate theses and dissertations are the most popular items in the repository. Several theses in the repository have been downloaded over 10,000 times and represent a range of graduate majors offered on campus, including architecture, civil engineering, educational leadership, english literature, history, hospitality management, and mechanical engineering. Theses and dissertations in the repository have been cited in journal articles and book chapters, referenced in extension publications nationwide, and influenced graduate students worldwide.

Prior to 2006, theses and dissertations were produced on paper, with bound copies sitting on the library's shelves. Since the repository was launched, increasing access to Iowa State's dissertations has been a top priority for the University Library. This past year, the University Library's Metadata and Cataloging Department completed the upload of 15,000 dissertations from Iowa State University, dating back to 1916. Library faculty and staff who participated in the effort were led by Kelly Thompson and include Stacey Bonello, Kim Gawley, Lori Kappmeyer, Kathy Kent, Lenard Kluck, Karen Lawson and Joan Leysen.

The University Library's Metadata and Cataloging, Stacks Management and Preservation Departments, with the digital repository team, are currently working on a project to digitize and add Iowa State's historical master's theses to the repository.



Symposium on Undergraduate Research & Creative Expression

Coordinated by the Iowa State University Honors Program, the Symposium on Undergraduate Research and Creative Expression provides undergraduates with an opportunity to share their research through conference-style oral and poster presentations. Starting with the 2014 conference, students have had the option of including their presentations and posters in the Digital Repository.

In just a year, the repository is already increasing the visibility of Iowa State's undergraduate research. The most downloaded presentation is Rohan Sharma's "Computational approach to function minimization and optimization with constraints," which has been downloaded over 400 times. The symposium's repository site is also included in the Undergraduate Research Commons (<http://undergraduatecommons.com/>), which brings together outstanding undergraduate research from over 170 colleges and universities worldwide.

The repository provides many benefits for undergraduate research. For the university and academic departments, it showcases the quality of the education and curriculum provided by the university. For faculty, it serves as evidence of their teaching and mentoring. And for our students, the repository provides an opportunity to build an online reputation in the chosen careers. Student-created materials added to the repository can provide a foundation for portfolios that can be used when applying to graduate programs, in seeking employment, or for showing off to family and friends.

http://lib.dr.iastate.edu/undergradresearch_symposium/

Partner

Dana Schumacher, Undergraduate Research
<http://www.undergraduateresearch.iastate.edu/>

Faculty participation

Departments with the highest percentage of tenured and tenure-eligible faculty participating in the Digital Repository:

**INDUSTRIAL AND
MANUFACTURING
SYSTEMS ENGINEERING** **100%**

**AGRICULTURAL
AND BIOSYSTEMS
ENGINEERING** **96%**

**CHEMICAL AND
BIOLOGICAL
ENGINEERING** **83%**

ENTOMOLOGY **71%**

**WORLD
LANGUAGES AND
CULTURES** **58%**

Note: Participating faculty is defined as a faculty member who has sent their CV to Scholarly Publishing Services for the purpose of adding their scholarship to the repository. Total number of faculty is based on the number of assistant, associate, full and distinguished faculty members listed on departmental websites on July 1, 2015.


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IOWA STATE UNIVERSITY
 College of Engineering
 College of Agriculture and Life Sciences

Agricultural and Biosystems Engineering

[ABE Department](#) | [Future Students](#) | [Undergraduate Students](#) | [Graduate Students](#) | [Research](#)
[Extension & Outreach](#) | [Global](#)



Senior Recognition Reception - Spring 2015

News

[Hurburgh analyzes grain quality, storage options](#)
October 16, 2015

[Kohl: Heavy winds lead to most combine fires](#)
October 15, 2015

[Guest post: A voyage to space and beyond](#)
October 14, 2015

Events

[Iowa A-SABE Section Meeting](#)
October 22, 2015

[AST snow blower service days](#)
October 23, 2015

[more events](#)

Latest Tweets




Welcome to the Department of Agricultural and Biosystems Engineering

Since 1905, the Department of Agricultural Engineering, now the Department of Agricultural and Biosystems Engineering (ABE), has been a leader in providing engineering solutions to agricultural problems in the United States and the world. The department's original mission was to mechanize agriculture. That mission has evolved to encompass a global view of the entire food production system—the wise management of natural resources in the production, processing, storage, handling, and use of food fiber and other biological products. [Read more.](#)

Real-Time Repository Readership Map

Reader from: [Leek, Groningen, Netherlands](#)
[Membrane Selection and ISPET Configuration Evaluation ...](#)
[Stuart J. Grent, John W. Hummel](#)




Recent Downloads: 353 of 643 in 15h 56m 56s


Google

2,034 Total Papers | 312,673 Total Downloads | 167,315 Downloads in the past year

Davidson Hall Brick Fundraiser



Download Publications



Featured Videos



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SINCE ITS LAUNCH, the Digital Repository has enjoyed high rates of participation from faculty and staff across campus. In fiscal year 2015, the chairs of the entomology and industrial and manufacturing engineering departments encouraged their faculty to submit their publications to the repository, resulting in high participation rates amongst tenured and tenure-eligible faculty (including a 100% participation rate in faculty from Industrial and Manufacturing Engineering, as of July 1, 2015). Department chairs across campus are recognizing the potential of the repository to raise the visibility of their department, increase citations to faculty publications, support accreditation and external reviews, and as a recruitment tool to attract new faculty and students to the universities.

Faculty participation by college

44%	Engineering
32%	Human Sciences
21%	Agriculture and Life Sciences
18%	Business
18%	Design
11%	Liberal Arts and Sciences
6%	Veterinary Medicine

Faculty participation by department

College of Agriculture and Life Sciences

96%	Agricultural and Biosystems Engineering
71%	Entomology
56%	Food Science and Human Nutrition
52%	Natural Resource Ecology and Management
20%	Animal Science
10%	Economics
9%	Sociology
8%	Statistics
7%	Horticulture
7%	Ecology, Evolution and Organismal Biology
5%	Agronomy
4%	Biochemistry, Biophysics and Molecular Biology
0%	Plant Pathology and Microbiology
0%	Genetics, Development and Cell Biology
0%	Agricultural Education and Studies

College of Design

50%	Architecture
31%	Landscape Architecture
20%	Community and Regional Planning
14%	Interior Design
5%	Art and Visual Culture
0%	Graphic Design
0%	Industrial Design

College of Engineering

100%	Industrial and Manufacturing Systems Engineering
97%	Agricultural and Biosystems Engineering
83%	Chemical and Biological Engineering
43%	Materials Science and Engineering
38%	Mechanical Engineering
28%	Civil, Construction and Environmental Engineering
17%	Aerospace Engineering
10%	Electrical and Computer Engineering

College of Business

29%	Supply Chain and Information Systems
25%	Management
15%	Accounting
15%	Finance
0%	Marketing

College of Human Sciences

56%	Food Science and Human Nutrition
36%	Kinesiology
35%	Apparel, Events and Hospitality Management
33%	Human Development and Family Studies
8%	Education

College of Liberal Arts and Sciences

58%	World Languages and Cultures
38%	History
29%	Anthropology
25%	English
14%	Psychology
10%	Economics
9%	Sociology
8%	Political Science
8%	Physics and Astronomy
8%	Statistics
7%	Ecology, Evolution and Organismal Biology
7%	Journalism and Communication
5%	Music and Theatre
5%	Philosophy and Religious Studies
4%	Biochemistry, Biophysics and Molecular Biology
3%	Chemistry
3%	Mathematics
0%	Computer Science
0%	Genetics, Development and Cell Biology

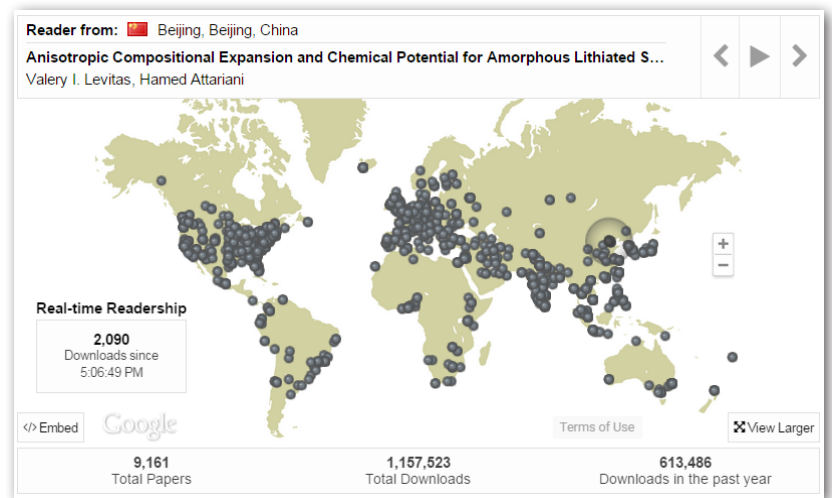
College of Veterinary Medicine

15%	Veterinary Pathology
7%	Veterinary Diagnostic and Production Animal Medicine
7%	Veterinary Clinical Sciences
5%	Veterinary Microbiology and Preventive Medicine
0%	Biomedical Sciences

Visibility and impact

The Digital Repository enables Natural Resource Ecology and Management (NREM) and Entomology faculty and students to make their publications, reports and presentations accessible to a global audience. **My hope is that this will allow faculty and students who publish in narrowly focused fields/journals to have wider and more global accessibility.**

—Sue Blodgett, *Chair, Departments of Entomology and Natural Resource Ecology and Management*

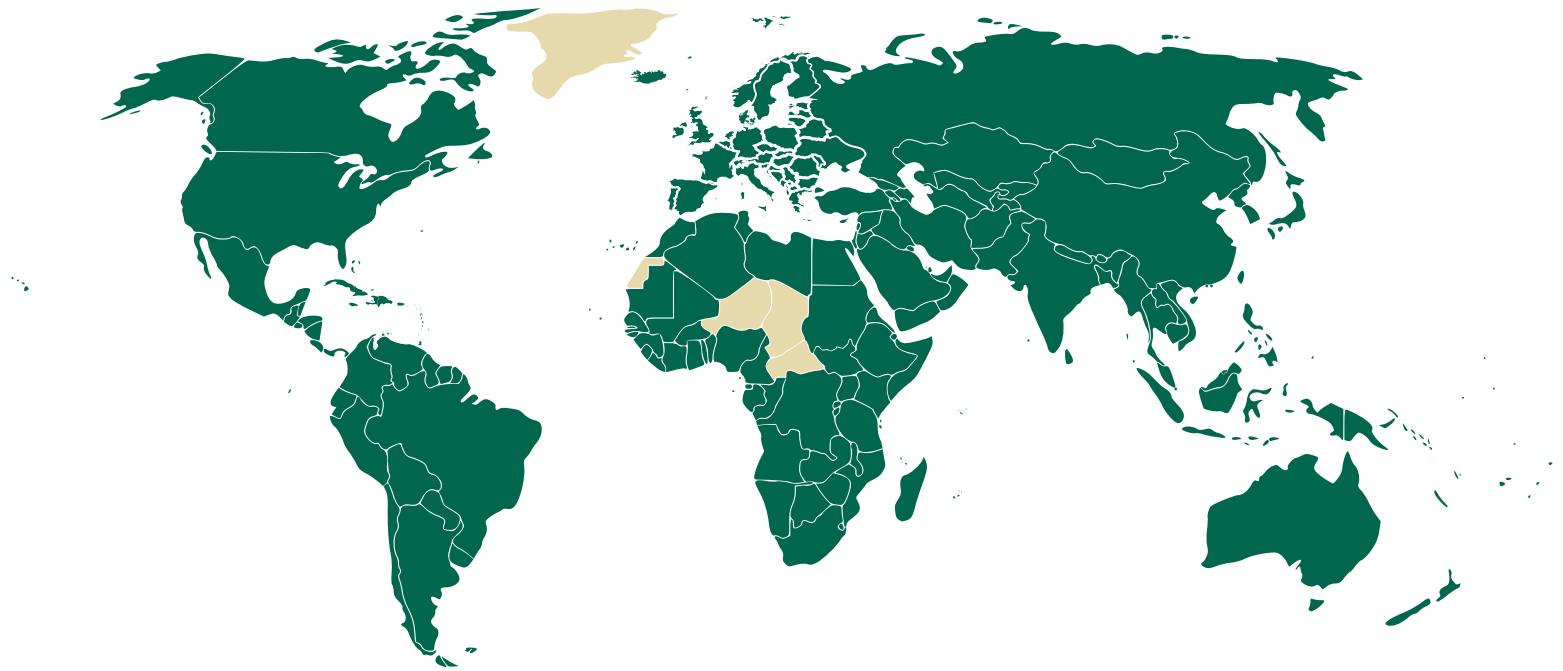


EACH TIME a reader downloads an article, chapter, report, presentation, or other item from the Digital Repository @ Iowa State University, a pin drops on the world map featured on the repository's homepage. These readership activity maps, which are also available for individual colleges and departments, are an engaging way to view the global impact of Iowa State's research and scholarship.

The repository supports Iowa State's land-grant mission, sharing knowledge far beyond the borders of our campus. Since its launch, the repository has received visitors from 219 countries and territories. Many of our readers would not have access to the research and scholarship produced by our faculty without the repository. We've fielded requests for more information on the research found in the repository from engineers in South Africa working in the field and students in the Philippines working on their dissertations. By making Iowa State's scholarship freely accessible over the internet, we are able to reach industry, students, scholars in developing countries and others without the resources to access expensive journals and databases.

These maps reveal another compelling story. Watching the readership activity map, you can see, in real-time, Architecture professor Marwan Ghandour's article, "Spatial Erasure: Reconstruction Projects in Beirut," downloaded in Sidon, Lebanon and World Languages and Cultures associate professor Elisa G. Rizo's article, "El 'petro-teatro' de Guinea Ecuatorial: la mujer y su trabajo," being downloaded in Malabo, Equatorial Guinea. For our faculty who are conducting global research, the map shows that, through the repository, their scholarship is reaching the cultures and locations researched.

Repository visitors (by country)

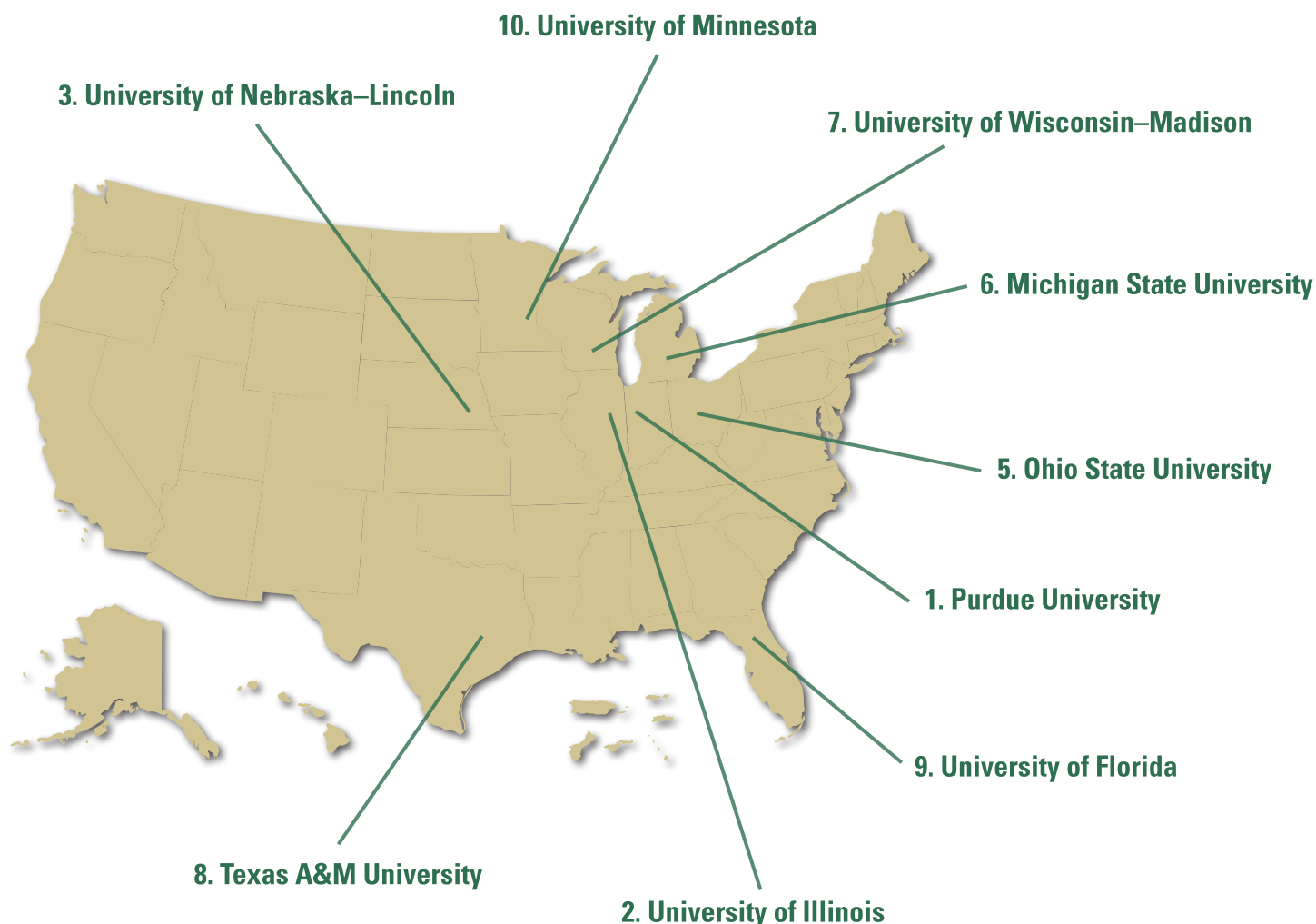


Countries and territories in **green** indicate at least one visitor to Digital Repository @ Iowa State University in fiscal year 2015.

Top sources of international visitors

- | | | | |
|-------------------|------------------|------------------|--------------------------|
| 1. United States | 16. Turkey | 31. Poland | 46. Argentina |
| 2. India | 17. Netherlands | 32. Belgium | 47. Bangladesh |
| 3. United Kingdom | 18. Pakistan | 33. Switzerland | 48. United Arab Emirates |
| 4. China | 19. Egypt | 34. New Zealand | 49. Ghana |
| 5. Canada | 20. Spain | 35. Ireland | 50. Austria |
| 6. Philippines | 21. Italy | 36. Saudi Arabia | 51. Finland |
| 7. Iran | 22. Thailand | 37. Sweden | 52. Norway |
| 8. Germany | 23. South Africa | 38. Israel | 53. Iraq |
| 9. Australia | 24. Thailand | 39. Ethiopia | 54. Mauritius |
| 10. Malaysia | 25. Mexico | 40. Greece | 55. Chile |
| 11. South Korea | 26. Russia | 41. Portugal | 56. Algeria |
| 12. Brazil | 27. Nigeria | 42. Vietnam | 57. Sri Lanka |
| 13. France | 28. Singapore | 43. Colombia | 58. Ukraine |
| 14. Japan | 29. Kenya | 44. Romania | 59. Serbia |
| 15. Indonesia | 30. Hong Kong | 45. Denmark | 60. Czech Republic |

Repository visitors (academic institutions)

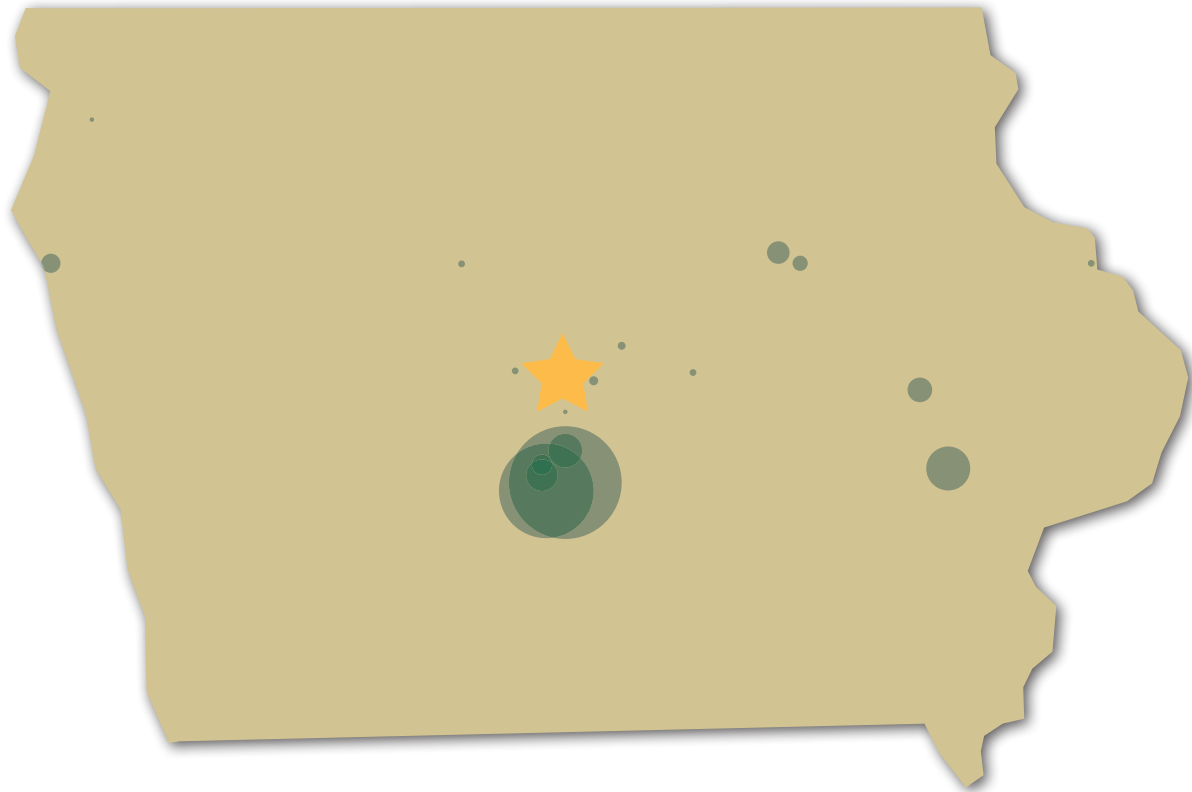


Top sources of academic visitors

1. Purdue University, *West Lafayette, Indiana*
2. University of Illinois, *Champaign, Illinois*
3. University of Nebraska–Lincoln, *Lincoln, Nebraska*
4. Thai Inter-University Network (UniNet), *Thailand*
5. Ohio State University, *Columbus, Ohio*
6. Michigan State University, *East Lansing, Michigan*
7. University of Wisconsin–Madison, *Madison, Wisconsin*
8. Texas A&M University, *College Station, Texas*
9. University of Florida, *Gainesville, Florida*
10. University of Minnesota, *Minneapolis, Minnesota*
11. Kansas State University, *Manhattan, Kansas*
12. Seoul National University, *Seoul, South Korea*
13. Wageningen University and Research Center, *Wageningen, Netherlands*
14. University of Missouri–Columbia, *Columbia, Missouri*
15. Pennsylvania State University, *State College, Pennsylvania*
16. Cornell University, *Ithaca, New York*
17. University of Ghent, *Ghent, Belgium*
18. Colorado State University, *Fort Collins, Colorado*
19. University of Guelph, *Guelph, Canada*
20. University of Maryland, *College Park, Maryland*
21. North Carolina State University, *Raleigh, North Carolina*
22. University of Tehran, *Tehran, Iran*
23. University of Iowa, *Iowa City, Iowa*
24. Universiti Putra Malaysia, *Serdang, Malaysia*
25. Universidade de São Paulo, *São Paulo, Brazil*
26. South Dakota State University, *Brookings, South Dakota*
27. University of California, Davis, *Davis, California*
28. Universiti Teknologi Malaysia, *Johor Bahru, Malaysia*
29. University of Northern Iowa, *Cedar Falls, Iowa*
30. Washington State University, *Pullman, Washington*

Source: Google Analytics, Users filtered by Service Provider, limited to service providers with univers*, colleg* or institut* in name.

Repository visitors (Iowa)



Top sources of visitors from Iowa

- | | | |
|--------------------|--------------------|--------------------|
| 1. Ames | 26. Indianola | 51. Iowa Falls |
| 2. Des Moines | 27. Muscatine | 52. Audubon |
| 3. West Des Moines | 28. Coralville | 53. Charles City |
| 4. Iowa City | 29. Decorah | 54. Spirit Lake |
| 5. Ankeny | 30. Pella | 55. Denison |
| 6. Urbandale | 31. Waverly | 56. Eldora |
| 7. Cedar Rapids | 32. Creston | 57. Eldridge |
| 8. Cedar Falls | 33. Newton | 58. Harlan |
| 9. Johnston | 34. Ottumwa | 59. Mount Pleasant |
| 10. Sioux City | 35. Atlantic | 60. Pleasant Hill |
| 11. Waterloo | 36. Waukee | 61. Coon Rapids |
| 12. Nevada | 37. Council Bluffs | 62. Le Mars |
| 13. Zearing | 38. Burlington | 63. Centerville |
| 14. Davenport | 39. Fairfield | 64. Webster City |
| 15. Boone | 40. Orange City | 65. Cherokee |
| 16. Bettendorf | 41. Clarion | 66. Clarinda |
| 17. Dubuque | 42. Clive | 67. Clinton |
| 18. Fort Dodge | 43. Spencer | 68. Dyersville |
| 19. Marshalltown | 44. Clear Lake | 69. Knoxville |
| 20. Sioux Center | 45. Storm Lake | 70. Oskaloosa |
| 21. Huxley | 46. Solon | 71. Pocahontas |
| 22. Grinnell | 47. Algona | 72. Sheldon |
| 23. Marion | 48. Altoona | 73. Tama |
| 24. Mason City | 49. North Liberty | 74. Brooklyn |
| 25. Carroll | 50. Forest City | 75. Carlisle |

Top downloads (faculty publications)

Citation	Department	Downloads
Brian E. Mennecke and Lawrence A. West, Jr. "Geographic information systems in developing countries: Issues in data collection, implementation and management." <i>Journal of Global Information Management</i> 9 (2001): 45–55.	Supply Chain and Information Systems	1,593
Chao Wang and Chenxu Yu . "Detection of chemical pollutants in water using gold nanoparticles as sensors: A review." <i>Reviews in Analytical Chemistry</i> 1 (2012): 1–14.	Agricultural and Biosystems Engineering	1,590
Timothy J. Anderson and Buddhi P. Lamsal . "Zein extraction from corn, corn products, and coproducts and modifications for various applications: A review." <i>Cereal Chemistry</i> 88 (2011): 159–173.	Food Science and Human Nutrition	1,464
Kittichai Watchravesringkan, Elena E. Karpova , Nancy N. Hodges and Raedene Copeland. "The competitive position of Thailand's apparel industry: Challenges and opportunities for globalization." <i>Journal of Fashion Marketing and Management</i> 14 (2010): 576–597.	Apparel, Events and Hospitality Management	1,425
D. Raj Raman , Reid R. Gerhardt and John B. Wilkerson. "Detecting insect flight sounds in the field: Implications for acoustical counting of mosquitos." <i>Transactions of the ASABE</i> 50 (2007): 1481–1485.	Agricultural and Biosystems Engineering	1,271
Linda S. Niehm , Ann Marie Fiore , Miyoung Jeong and Hye-Jeong Kim. "Pop-up retail's acceptability as an innovative business strategy and enhancer of the consumer shopping experience." <i>Journal of Shopping Center Research</i> 13 (2006): 1–30.	Apparel, Events and Hospitality Management	1,090
David G. Stevenson, Fred J. Eller, Liping Wang, Jay-Lin Jane , Tong Wang and George E. Inglett. "Oil and tocopherol content and composition of pumpkin seed oil in 12 cultivars." <i>Journal of Agricultural and Food Chemistry</i> 55 (2007): 4005–4013.	Food Science and Human Nutrition	981
Andy Luse, Brian E. Mennecke and Anthony M. Townsend . "Selecting a research topic: A framework for doctoral students." <i>International Journal of Doctoral Studies</i> 7 (2012): 143–152.	Supply Chain and Information Systems	891
Yong Cheng Chen, Dwaine S. Bundy and Steven J. Hoff . "Modeling the variation of wind speed with height for agricultural source pollution control." <i>ASHRAE Transactions</i> 104 (1998): 1685–1691.	Agricultural and Biosystems Engineering	887
Kelly R. Thorp, Kendall C. DeJonge, Amy L. Kaleita , William David Batchelor and Joel O. Paz. "Methodology for the use of DSSAT models for precision agriculture decision support." <i>Computers and Electronics in Agriculture</i> 64 (2008): 276–285.	Agricultural and Biosystems Engineering	815
Joseph W. Isaac and Kurt R. Hebert . "Electrochemical current noise on aluminum microelectrodes." <i>Journal of the Electrochemical Society</i> 146 (1999): 502–509.	Chemical and Biological Engineering	755

Note: Names in **bold** indicate current Iowa State University faculty members.

Top downloads (theses and dissertations)

Citation	Major	Downloads
Pamela R. Dodge. Managing school behavior: A qualitative case study. PhD dissertation, 2011.	Education (Educational Leadership)	19,779
Angela M. Gulick. The Handmaid's Tale by Margaret Atwood: Examining its utopian, dystopian, feminist and postmodernist traditions. MA thesis, 1991.	English (Literature)	19,160
Andrea M. Siefers. A novel and cost-effective hydrogen sulfide removal technology using tire derived rubber particles. MS thesis, 2010.	Civil Engineering (Environmental Engineering)	9,549
Juhee Kang. Social media marketing in the hospitality industry: The role of benefits in increasing brand community participation and the impact of participation on consumer trust and commitment toward hotel and restaurant brands. PhD dissertation, 2011.	Hospitality Management	7,433
Eunjo Cho. Development of a brand image scale and the impact of lovemarks on brand equity. PhD Dissertation, 2011.	Apparel, Merchandising and Design	7,107
Donald G. Schoffstall. The benefits and challenges hospitality management students experience by working in conjunction with completing their studies. PhD Dissertation, 2013.	Hospitality Management	6,646
David R. Escudero. Bed height and material density effects on fluidized bed hydrodynamics. MS thesis, 2010.	Biorenewable Resources and Technology	6,587
Dustin L. Redmond. The effect of video games on family communication and interaction. MS thesis, 2010.	Human Development and Family Studies	6,296
Yu-Chih Chang. The effects of sleep on performance of undergraduate students working in the hospitality industry as compared to those who are not working in the industry. MS thesis, 2013.	Hospitality Management	6,219
Priyanka N. Karandikar. Chawls: Analysis of a middle class housing type in Mumbai, India. MS thesis, 2010.	Architectural Studies	5,776
Brooke Scherer. Globalization, culture, and communication: Proposal for cultural studies integration within higher education graphic design curriculum. MFA thesis, 2010.	Graphic Design	5,705

The digital repository team



Harrison W. Inefuku
Digital Repository Coordinator



Hope Mitchell
Library Associate



Susan Knippel
Library Associate



Lorrie Smith
Library Assistant



Susan Rappenwolf
Library Assistant



Lance Durand
Student Assistant
Marketing '16



Caleb Burt
Student Assistant
Aerospace Engineering '17



Benjamin Spick
Student Assistant
Anthropology and Religious Studies '16

Staff activity

Conference Presentations

Harrison W. Inefuku. "Successfully lobbying for and implementing increased repository staffing: The Iowa State University experience." Open Repositories 2015, Indianapolis, IN, June 8–11, 2015.

Laura Alagna, Harrison W. Inefuku, Miriam Intrator, Jeff A. Jenson, Brandon Pieczko, Aaron Purcell and Lisa Schmidt. "Wrangling bits and herding cats: Donor relations in the digital era." Lighting round at Midwest Archives Conference 2015 Annual Meeting, Lexington, KY, May 6–9, 2015.

Charlotte Roh, Emily Drabinski and Harrison W. Inefuku. "Scholarly communication as a tool for social justice and diversity." Panel session at ACRL 2015, Portland, OR, March 25–28, 2015.

Emma Molls, Nancy Franz, Harrison W. Inefuku, Jacek Koziel and Cristobal Salinas, Jr. "Open Access and the Land-Grant Mission." Open Access Week at Iowa State University, October 21, 2014.

Harrison W. Inefuku. "Baiting the hook: Generating faculty interest and excitement in institutional repositories." Presentation at Digital Commons+ Great Lakes User Group, Valparaiso, IN, July 31–August 1, 2014.

Outreach Presentations

Department of Industrial and Manufacturing Systems Engineering, March 5, 2015.

Library Liaison Meetings, February 10 and 11, 2015.

Department of Aerospace Engineering, October 16, 2014.

Awards

Harrison W. Inefuku, 15 People to Watch in 2015, Des Moines Register.

Press

"Digital Repository @ Iowa State University makes scholarship accessible." *Iowa State University Library Bookmarks*, Spring/Summer 2015.

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Report compiled by Harrison W. Inefuku.
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Image credits

p. 1, 3: Readership activity map,
<http://lib.dr.iastate.edu>
p. 2, 3: Icons by Edward Boatman from The Noun Project.
p. 6, 7: Screenshot, <http://lib.dr.iastate.edu/a2ru/>
p. 6, 8: Screenshot, <http://lib.dr.iastate.edu/etd/>
p. 6, 9: Screenshot, http://lib.dr.iastate.edu/undergradresearch_symposium/
p. 14: Screenshot, <http://lib.dr.iastate.edu/>
p. 11: Screenshot, <http://www.abe.iastate.edu/>
p. 15: Adapted from “BlankMap-World gray” by Original by User:Vardion, svg-ified by Simon Eugster --Simon 23:14, 1 August 2006 (UTC) - vectorized. Licensed under CC BY-SA 3.0 via Commons - https://commons.wikimedia.org/wiki/File:BlankMap-World_gray.svg#/media/File:BlankMap-World_gray.svg.
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p. 20: Selfies by Harrison W. Inefuku, Hope Mitchell, Susan Knippel, Lorrie Smith, Sue Rappenwolf, Lance Durand, Caleb Burt and Benjamin Spick

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